Inner classes

```java
package Javaprogram;

public class Innerclasses {

    private String msg="Welcome to Java";

    class Inner{
     void hello(){System.out.println(msg+", Let us start learning Inner Classes");}
    }


    public static void main(String[] args) {

        Innerclasses obj=new Innerclasses();
        Innerclasses.Inner in=obj.new Inner();
        in.hello();
    }
}
```
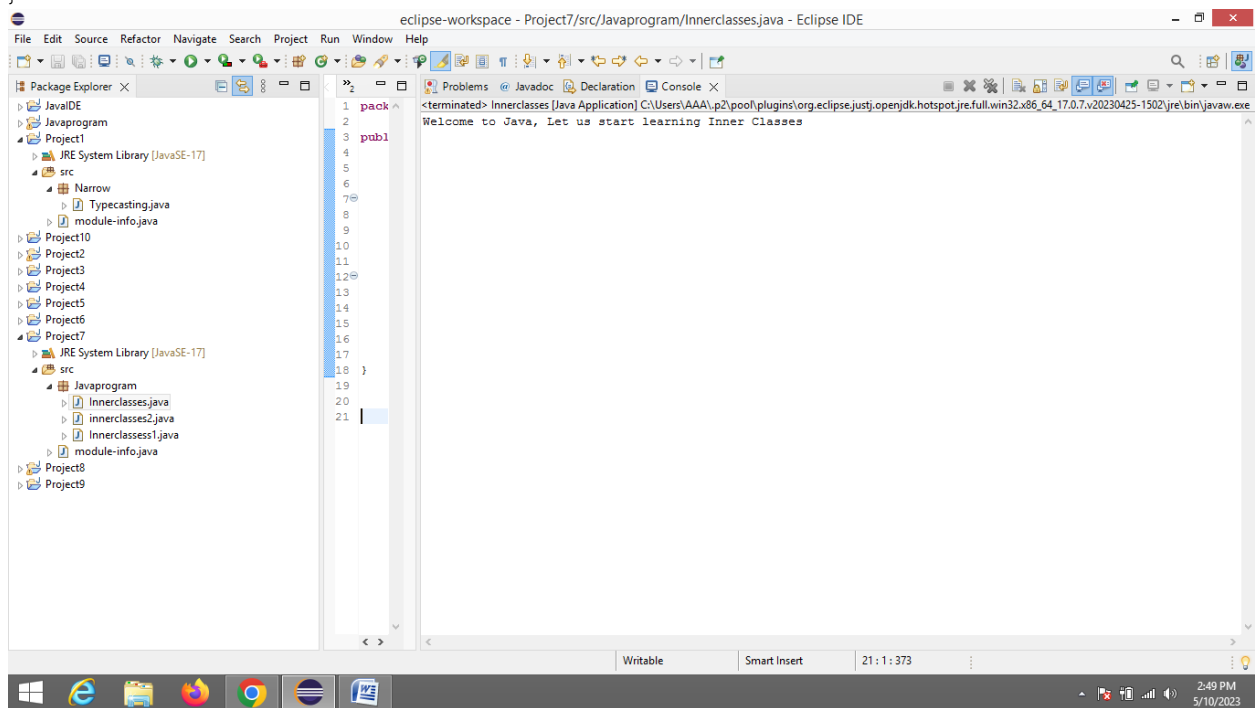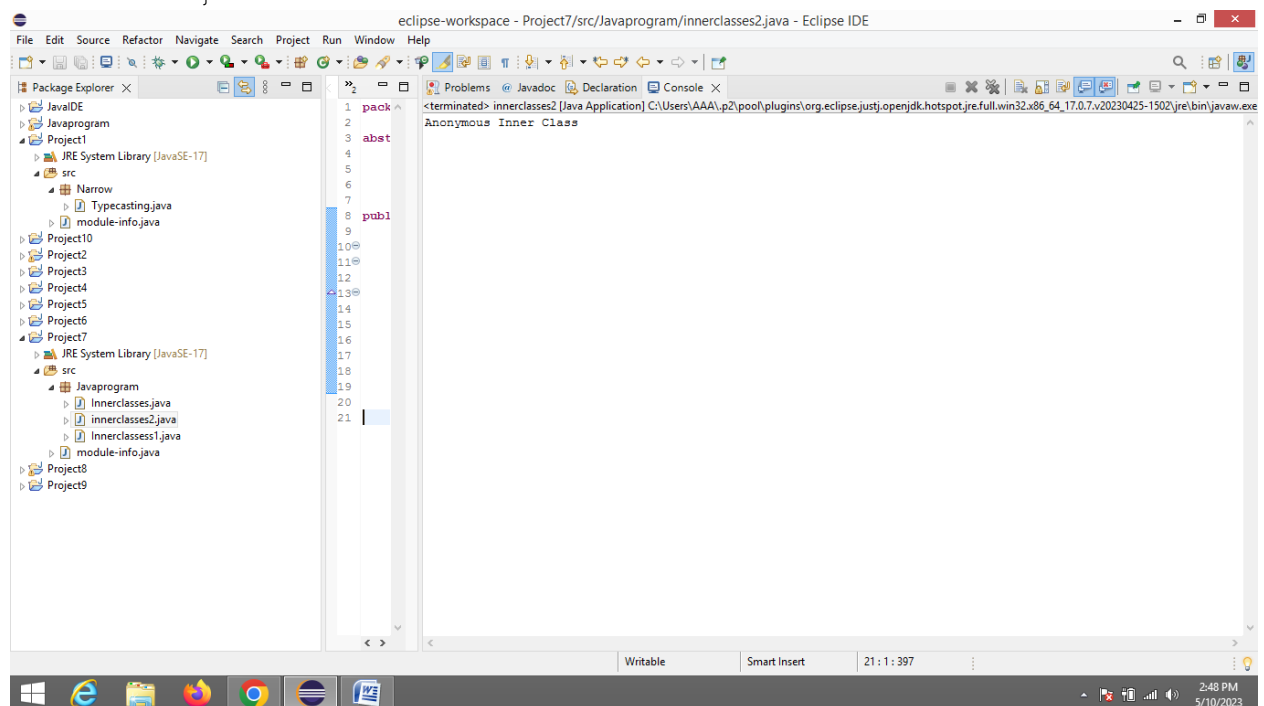
```java
package Javaprogram;

abstract class AnonymousInnerClass {
    public abstract void display();
}


public class innerclasses2 {

    public static void main(String[] args) {
        AnonymousInnerClass i = new AnonymousInnerClass() {

            public void display() {
                System.out.println("Anonymous Inner Class");
            }
        };
        i.display();
    }
}
```

```java
package Javaprogram;

public class Innerclassess1 {

    private String msg="Inner Classes";

    void display(){
        class Inner{
            void msg(){
                System.out.println(msg);
            }
        }

        Inner l=new Inner();
        l.msg();
    }


    public static void main(String[] args) {
        Innerclassess1  ob=new Innerclassess1 ();
        ob.display();
    }
}
```